

## ABSTRACT OF THE DISCLOSURE

In a data packet transfer network in which a communication data is transmitted by dividing the communication data to a plurality of data packets, each of a plurality of packet transfer nodes included in the data packet transfer network comprises at least a data packet comparison circuit for comparing sequential numbers of received data packets with sequential numbers of data packets received in the past and a data packet copy circuit for copying the data packets in the order of the sequential numbers thereof and transferring the data packets to a next packet transfer node in the order of the sequential numbers. Data loss is reduced even when there is a time delay until the data is received by a destination node, so that the data is transmitted reliably.

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